

ABSTRACT OF THE DISCLOSURE

It is an object of the present invention to provide an optical multi-beam scanning device and an image forming apparatus which adopt a horizontal synchronization sensor and can suppress displacement in a horizontal scanning direction even when latent images are written on a surface to be scanned by a plurality of light beams tilting with respect to the surface to be scanned.

10 In the optical multi-beam scanning device of the present invention, when the light beams are assumed to reach the surface to be scanned with the light beams not being folded, the horizontal synchronization sensor is tilted so as to output a horizontal synchronized signal when the light beams come
15 to the same position on the surface to be scanned in the horizontal scanning direction. In another method, the horizontal synchronization sensor is not tilted, and the similar function is executed by setting a boundary position between a shielding portion and a non-shielding portion of
20 a light shielding member provided on an upper stream side. The image forming apparatus of the present invention adopts the optical multi-beam scanning device of the present invention.